



Express Mail No.: EL 451 599 641 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Amin et al

Confirmation No.: 2156

Serial No.: 09/839,636

Group Art Unit: 2881

Filed: April 20, 2001

Examiner: Not Yet Assigned

For: QUANTUM BIT WITH A  
MULTI-TERMINAL JUNCTION AND LOOP  
WITH A PHASE SHIFT

Attorney Docket No.: 11090-035-999

**COMMUNICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants submit herewith a Power of Attorney by Assignee Revoking Previous Powers of Record and Certificate under 37 CFR 3.73(b).

Applicants believe that no fee is due with this Communication. However, if it is determined that a fee is due the Commissioner is authorized to charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150 (order no. 11090-035-999). A copy of this sheet is enclosed for this purpose.

Dated: March 6, 2003

Respectfully submitted,

Gary S. Williams (Reg. No. 31,066)

**PENNIE & EDMONDS LLP**

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POWER OF ATTORNEY BY ASSIGNEE REVOKING PREVIOUS POWERS OF RECORD  
AND CERTIFICATE UNDER 37 CFR 3.73(b)

To the Commissioner of Patents:

The undersigned assignee of the entire interest in application for letters patent entitled: QUANTUM BIT WITH A MULTI-TERMINAL JUNCTION AND LOOP WITH A PHASE SHIFT, Serial No. 09/839,636, Filed April 20, 2001, and having the named inventor(s): Mohammad H.S. Amin, Alexander Omelyanchouk, Geordie Rose, Timothy Duty, Alexandre Zagoskin and Alexandre Blais, hereby revokes all previous Powers of record and appoints the following attorneys to transact all business in the Patent Office connected therewith: Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), Kenneth L. Stein (Reg. No. 38704), Nanda K. Alapati (Reg. No. 39,893), Andrew J. Gray (Reg. No. 41,796), Henry C. Lebowitz (Reg. No. 36,196) and Karen G. Horowitz (Reg. No. 35,199), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them its attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

In accordance with 37 CFR 3.73 the assignee hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the inventor(s). Copy of said assignment as mailed under separate cover to the Patent Office is attached herewith. The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified below.

Direct all telephone calls to GARY S. WILLIAMS at (650) 493-4935.

Address all correspondence to:

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D-Wave Systems, Inc.

By: \_\_\_\_\_

(typed name)

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Date: September 10, 2002

File No. 11090-0035-999 (M-8915-2C US)